Stock ★★★

BG

Couplings for servo-motors
Torque: 0.06 to 44Nm

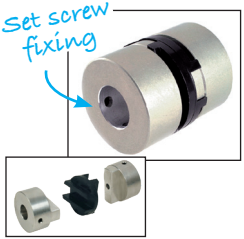
- **3 part assembly**
- Max. speed: 3000 rpm
- Working temp: -20°C to +60°C
- Materials:
  BG6-BG13 Hubs: brass CZ121
  BG19-57 Hubs: Alocrom coated aluminium 6082
  Disk: black acetal

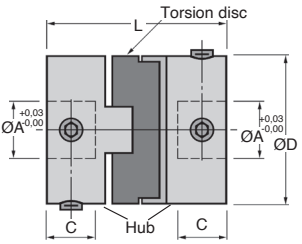
Info

- Delivered not assembled

Service factor	
Usage	Factor
Momentary	1
1hr/day	2
3h/day	4
6h/day	6
12h/day	8

Torque to be transmitted X Service Factor must be less than Peak Torque





	Misalignment at 3000 rpm			Torque		Moment of inertia	Torsional stiffness
	Radial (± mm)	Axial (± mm)	Angular (±)	Peak (Nm)	Static break (Nm)	(kgm² x10⁻⁶)	(Nm/ Rad)
BG6	0,10	0,05	0,5°	**0,06**	0,7	6	10
BG9	0,10	0,05	0,5°	**0,21**	2,0	18	30
BG13	0,10	0,05	0,5°	**0,5**	4,0	26	65
BG19	0,20	0,10	0,5°	**1,7**	10,8	67	115
BG25	0,20	0,10	0,5°	**4,0**	13,0	252	205
BG33	0,20	0,15	0,5°	**9,0**	53,0	1 074	615
BG41	0,25	0,15	0,5°	**17,0**	57,0	3 327	1 200
BG50	0,25	0,20	0,5°	**30,0**	95,0	7 550	1 375
BG57	0,25	0,20	0,5°	**44,0**	150,0	12 410	2 610

DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-6%	On request

Part number	Standard bores (mm)	Optional bores (mm)	ØD	L	C	Screw	Weight (g)	Stock* Standard bores	Price each 1 to 4 Standard bores
BG6	2	3, 3.18	6,40	12,70	3,80	M3	2,5	✔	25,09 €
BG9	3, 4, 5	-	9,50	12,70	3,80	M3	4	✔	21,97 €
BG13	3	4, 5, 6, 6.35	12,70	15,90	4,30	M3	11	✔	24,25 €
BG19	4, 6, 8	5, 6.35	19,10	22,00	6,30	M3	12	✔	27,85 €
BG25	6, 8, 10	6.35, 9.52, 12	25,40	28,40	8,60	M4	31	✔	36,82 €
BG33	8, 12	9.52, 10, 14, 15, 16	33,30	42,00	13,00	M4	86	✔	55,31 €
BG41	9.52, 10	12, 14, 15, 16, 18, 19, 20	41,30	50,80	16,70	M5	148	✔	65,65 €
BG50	10, 20	12, 14, 15, 16, 18, 19, 24, 25	50,00	59,60	20,60	M8	208	✔	on request
BG57	12, 20	14, 15, 16, 18, 19, 24, 25, 30	57,10	78,00	28,40	M8	361	✔	on request

*Depending on availability - Dimensions in mm

Couplings for servo-motors
Torque: 1.7 to 44Nm

BGC

- **3 part assembly**
- Max. speed: 3000 rpm
- Working temperature: -20°C to +60°C
- Materials:
  Hub: Alocrom coated aluminium 6082
  Disk: black acetal

Service factor	
Usage	**Factor**
Momentary	1
1h/day	2
3h/day	4
6h/day	6
12h/day	8

Torque to be transmitted X Service Factor must be less than Peak Torque



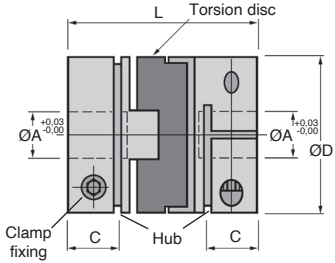
Advantages

- Misalignment does not affect load
- No lubrication
- Low inertia
- Non magnetic

Info

- Delivered not assembled

	Misalignment at 3000 rpm			Torque		Moment of inertia	Torsional stiffness
	Radial (± mm)	Axial (± mm)	Angular (±)	Peak (Nm)	Static break (Nm)	(kgm^2 x10^{-6})	(Nm/ Rad)
BGC19	0,20	0,10	0,5°	**1,7**	8	67	115
BGC25	0,20	0,10	0,5°	**4,0**	13	252	205
BGC33	0,20	0,15	0,5°	**9,0**	53	1 074	615
BGC41	0,25	0,15	0,5°	**17,0**	57	3 327	1 200
BGC50	0,25	0,20	0,5°	**30,0**	95	7 550	1 375
BGC57	0,25	0,20	0,5°	**44,0**	150	12 410	2 610



DISCOUNTS

Qty	1+	5+	10+	25+	50+
Disc.	List	-6%	-12%	-18%	On request

Part number	Standard bores (mm)	Optional bores (mm)	ØD	L	C	Screw	Weight (g)	Stock* Standard bores	Price each 1 to 4 Standard bores
BGC19	4	5, 6, 6.35, 8	19,10	22,00	6,30	M2,5	12	✔	28,08 €
BGC25	6, 8, 10	6.35, 9.52, 12	25,40	28,40	8,60	M3	31	✔	40,27 €
BGC33	8, 9.52, 10, 14	12, 12.7 15, 16	33,30	42,00	13,00	M4	86	✔	59,14 €
BGC41	9.52, 12, 14	10, 15, 16, 18, 19, 20	41,30	50,80	16,70	M4	148	✔	65,66 €
BGC50	10, 20	12, 14, 15, 16, 18, 19, 24, 25	50,00	59,60	20,60	M5	208	✔	161,63 €
BGC57	12, 20	14, 15, 16, 18 19, 24, 25, 30	57,10	78,00	28,40	M6	361	✔	185,28 €

*Depending on availability - Dimensions in mm